

Startup/Shutdown System

ADRE:® Automated collection and reduction of diagnostic information

The ADRE (Automated Diagnostics for Rotating Equipment) observes and documents machine response under steady-state and transient conditions, including startup and shutdown.

An automated data acquisition and reduction system, the ADRE significantly reduces the time required to analyze and diagnose machine behavior. It eliminates the time-consuming task of hand logging and reducing steady-state dynamic vibration and transient dynamic vibration data.

Transient dynamic vibration data collected during startup and shutdown is presented in Bode', polar, and cascade plots. Steady-state dynamic vibration data is presented in orbit, time base, and comparative spectrum plots.

ADRE is available in a variety of hardware and software options. Five Bently Nevada software packages are offered: Transient, Steady-state, Shaft Centerline, Multiplane Balance, and Hardware Diagnostics.

The hardware consists of a choice of two Hewlett-Packard 200 Series computers, a Bently Nevada Digital Vector Filter 2 (DVF 2), and a spectrum analyzer.

For more information, please check L6003 on the return card. ■



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